COLORADO DEPARTMENT OF TRANSPORTATION

JOB SAFETY ANALYSIS

Activity Name: Capping Cylindical Concrete Specimens			Activity Number: AASHTO T 231 / ASTM C 617	
Activity Description & Purpose: Provides a plane surface on the ends of concrete cylinders and core when the end surfaces do not meet the planeness and perpendicularity				
requirements.				
Date Prepared: 3-24-2009				PPE Required
Typical Equi	ipment	Typical Crew Size:	Typical Material	Safety glasses or face
Description	Class Code		Description Class Code	shield / Hard toe boots /
See associated procedure		(Crew sizes may vary due to different conditions throughout the state).		Heat resistant gloves /
			Con appointed precedure	Heat resistant apron /
			See associated procedure	Hearing protection
		1		
Sequence of Job Tasks	Potential Hazards	Safe Job Procedures		Never
1-Heat sulfer mortar	1-Inhalation hazard	1-Heat under ventalated hood		Heat mortar without ventalation
2-Measure specimens	1-Foot injury	1-Wear hard toe boots		
3-Trim specimens	1-Foot injury 2-	1-Wear hard toe boots 2-Wear hearing protection 3-Wear safety glasses / face shield		Opperate concrete saw without
	Cutting injury 3- Hearing injury			prior training.
	4-Eye injury			
4-Measure specimens	1-Foot injury	1-Wear hard toe boots		
5-Dry specimen ends	1-Foot injury 2-	1-Wear hard toe boots	2-Wear	
	Eye injury	safety glasses / face shield		
6-Cap Specimens	1-Foot injury 2-	1-Wear hard toe boots	2-Wear safety	
o dap oppositions	Eye Injury 3-	glasses / face shield	3-Wear hear resistant	
	Burns	gloves and appron		
7-Measure specimens	1-Foot injury	1-Wear hard toe boots		
7 Woddard Sposimons	1 1 oot injury	1 West hard too boots		
8-Place specimens in storage	1-Foot injury	1-Wear hard toe boots		
Notes and Specifications Instructions Other Related Reso			rces	